



1913/14

The University of Minnesota

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EVENING COURSES

1913-1914



BULLETIN OF THE UNIVERSITY OF MINNESOTA
VOL. XVI, NO. 18. SEPTEMBER 1913

Entered at the Post Office
Minneapolis as second-class matter
MINNEAPOLIS, MINN.

The Bulletin of the University of Minnesota is issued as often as twice a month during the University year.

The Bulletin comprises—

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General Series. Containing announcements of departments of instruction, reports of University officers, etc.

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Minneapolis, Minnesota.

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CALENDAR

1913-14

1913

September	22-27	Registration Week
September	26	Friday, 8.00 p. m. Annual opening of St. Paul Institute and General Extension Courses, Mechanic Arts High School, St. Paul
September	27	Saturday, 8.00 p. m. Annual opening of General Extension Courses, Minneapolis
September	29	Monday. Regular class work begins
November	27	Thursday. Thanksgiving holiday
December	20	Saturday. Christmas recess to January 4, 1914
1914		
January	5	Monday. Class work resumed
January	26-30	Examination week, first semester
February	2	Second semester begins
May	18-22	Examination week, second semester

THE UNIVERSITY

THE COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

THE COLLEGE OF ENGINEERING AND THE MECHANIC ARTS

THE DEPARTMENT OF AGRICULTURE, including—

THE COLLEGE OF AGRICULTURE

THE COLLEGE OF FORESTRY, including—

FOREST EXPERIMENT STATIONS AT ITASCA AND CLOQUET

THE CENTRAL SCHOOL OF AGRICULTURE, UNIVERSITY FARM,
including—

THE DAIRY SCHOOL

THE SHORT COURSE FOR FARMERS

TEACHERS' SUMMER TRAINING SCHOOL

THE SCHOOL OF TRACTION ENGINEERING

THE NORTHWEST SCHOOL OF AGRICULTURE, CROOKSTON

THE WEST CENTRAL SCHOOL OF AGRICULTURE, MORRIS

THE EXPERIMENT STATIONS, including—

THE MAIN STATION, ST. ANTHONY PARK

THE NORTHWEST EXPERIMENT STATION, CROOKSTON

THE NORTH CENTRAL EXPERIMENT STATION, GRAND RAPIDS

THE WEST CENTRAL EXPERIMENT STATION, MORRIS

THE NORTHEAST DEMONSTRATION FARM AND EXPERIMENT
STATION, DULUTH

THE SOUTHEAST DEMONSTRATION FARM AND EXPERIMENT
STATION, WASECA

THE FRUIT BREEDING FARM. ZUMBRA HEIGHTS

THE LAW SCHOOL

THE MEDICAL SCHOOL, including—

THE SCHOOL FOR NURSES

THE COLLEGE OF DENTISTRY

THE COLLEGE OF PHARMACY

THE SCHOOL OF MINES, including—

MINNESOTA SCHOOL OF MINES EXPERIMENT STATION

THE SCHOOL OF ANALYTICAL AND APPLIED CHEMISTRY

THE COLLEGE OF EDUCATION

THE GRADUATE SCHOOL

THE UNIVERSITY EXTENSION SERVICE

GENERAL EXTENSION DIVISION

AGRICULTURAL EXTENSION DIVISION

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3228 4th St. S. E.
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1011 8th St. S. E.
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806 4th St. S. E.
- JEREMIAH S. YOUNG, Ph.D., Associate Professor of Political Science
1120 6th St. S. E.
- OTTO S. ZELNER, B.S., Assistant Professor of Surveying
2265 Carter Ave., St. Paul

EXTENSION COURSES

GENERAL INFORMATION

The Extension Service of the University of Minnesota is organized to include:

A. Evening classes, primarily in Minneapolis, St. Paul, and Duluth.

(1) Courses leading to credit in the College of Science, Literature, and the Arts.

(2) Law courses.

(3) Courses in Business Administration, Accountancy, and Finance.

(4) Afternoon, evening, and Saturday classes in Education.

(5) Practical courses in Engineering.

B. Correspondence courses.

C. Extension lectures, singly or in groups.

D. Agricultural extension, including lectures, demonstrations, institutes, and short courses under the direction of the College of Agriculture.

E. University co-operation with local educational effort as exemplified by the "University Weeks".

ADMISSION TO COURSES

In general the conditions of admission to Extension Courses will not be different from those admitting students to the regular courses of the respective schools or colleges of the University.

It is not intended, however, that any regulation should debar from the privileges of these courses any persons who are able to pursue them profitably. Therefore, persons who are sufficiently mature, though they do not comply with the conditions mentioned above, may be admitted to either the evening or the correspondence extension courses, if they can satisfy the departments in which they wish to study that they are able to carry the work profitably to themselves and without hindrance to the classes.

A SEMESTER

A semester is normally one of the two halves into which the university year is divided, and is, therefore, eighteen weeks long. For night-class work, however, sixteen weeks ordinarily constitute a semester. An exception is made in the case of most of the engineering courses, which are given for only twelve weeks in a semester.

CREDIT FOR EXTENSION COURSES

Credit for all Extension Courses of University grade (for exception in Law Courses, see page 30) regularly and successfully completed will be given to students if they have previously met the requirements for college entrance. Such credits will be recorded upon matriculation in the University.

Approximately one semester hour of credit will be allowed for each hour of class work per week. Double periods are required in laboratory work. Normally an evening session is two hours long.

Students must indicate at the time of registration whether or not they desire college credit in the courses pursued.

*Regulations Concerning Credit in the College of Science,
Literature, and the Arts*

(1) All courses for which credit is given in the College of Science, Literature, and the Arts must be authorized with the credits by the Advisory Committee. But credit shall be given only to those Extension Courses which are conducted in essentially the same manner as the corresponding courses in the University and which are carried on under similar conditions as to attendance, term's work, quizzes, and examinations.

(2) Each credit course shall be directly in charge of a member of the Faculty.

(3) Any regularly enrolled University student successfully completing an approved course shall receive the appropriate credit.

(4) Any person qualified to be admitted to the University shall receive a certificate upon satisfactorily completing an approved course. The certificates entitle the holder to the corresponding University credits whenever he has earned thirty credits in residence. The Registrar or the Administrative Board shall in all cases pass upon the qualifications of the student.

(5) No credits shall be given to students not properly qualified to be admitted to the University as regular students.

(6) The maximum credit towards a degree for work done in Extension Courses shall not exceed one-half the unit hours required for graduation. At least twelve credits in the major subject shall be completed in regular college classes and of these six must be from the starred courses.

(7) Credit for an amount not exceeding one-quarter of the unit hours required for graduation may be given at the University of Minnesota to students of such other Extension Schools or Departments as may be approved by the Advisory Committee, provided that such credit shall be subject to the same provisions as govern credits in the General Extension Division of the University of Minnesota.

University Students and Correspondence and Extension Work

(1) No University student may enroll for a Correspondence or Extension Course for the purpose of removing a condition or failure.

(2) No University student may enroll for an Extension Course if this would increase his credit hours beyond what the rules allow.

FEEES

Academic courses meeting one evening per week require a fee of \$5.00 per semester. For Academic courses meeting two evenings per week, the fee is \$10.00 per semester.

For Business courses, except where otherwise noted, the fees are: For a single course, \$7.50 per semester; for two courses taken simultaneously, \$12.00 per semester; for three courses taken simultaneously, \$15.00 per semester; for four courses taken simultaneously, \$20.00 per semester.

For Engineering courses the fee is \$5.00, \$7.50, or \$10.00 per semester as indicated in the description of the several courses.

The requirements relative to the Law courses accompany the announcement of those courses in this bulletin. (See page 27.)

All fees are to be paid in advance to the Comptroller of the University. No fee will be refunded on account of withdrawal from any course, unless application for refund be made within five days after registration.

PLACES FOR CONDUCTING CLASSES

The classes in Law will be held in the Law Building on the University Campus.

In determining the meeting places for other courses, the convenience of the students enrolled will be consulted as far as practicable.

In Minneapolis, classes are organized at the University, at the public libraries and high schools, or at other places as desired.

In St. Paul, the work will be carried on at the Mechanic Arts High School in co-operation with the St. Paul Institute of Arts and Sciences, and such additional accommodations as are necessary will be provided.

NUMBER FOR WHOM CLASSES WILL BE ORGANIZED

Classes will not be organized for a smaller enrollment than twelve, and in some courses a larger registration will be required.

TIME OF MEETING

Classes will be organized to meet at 7:30 on any evening in the week. The days are already fixed and herein announced for some of the courses.

ENROLLMENT

All who are interested in the formation of classes are requested to address the Director of University Extension, University of Minnesota, Minneapolis, Minnesota.

COURSES OF INSTRUCTION

BUSINESS COURSES

The need of special training for a business career can no longer be questioned. Business is rapidly becoming a profession and professional training for business life is now passing to the universities, just as the preparation of lawyers, physicians, and engineers was passed to the higher institutions of learning in America in the nineteenth century.

But the need of such instruction is not confined to those who can reside at the University and devote their whole time to study. Thousands of young people who live in the larger cities of the State are obliged to go into business life without a college course, but are ambitious to improve their spare time. Experience has proved that these very people, while obtaining practical experience, can best comprehend and appreciate the instruction a University affords.

To meet the growing need, the University began offering, during the academic year 1909-10, evening courses in business subjects at the University. In 1911-12 such instruction was carried down town in Minneapolis, and, in co-operation with the St. Paul Institute, to St. Paul. This work has been extended, and it is proposed for the year 1913-14 to give work in business subjects in some of the other cities of the State.

Note.—The courses hereafter listed under the general heads of ACCOUNTANCY, FINANCE, and COMMERCE are given for the uniform fee of \$7.50 per semester, except where otherwise noted.

ACCOUNTANCY

The courses in Accounting, in combination with those in Business Law and Business Administration, are designed to meet the needs of two classes of students, namely, those who wish to prepare to take the State C. P. A. examinations, and those who aim to continue in their present lines of work but who wish to prepare themselves for managerial positions. To both of these classes a thorough training in Accounting, Business Law, and Business Administration is indispensable.

University Certificate in Accountancy

For the student who wishes to pursue either object we recommend that he plan to take one of the regular courses herein outlined, so as to entitle him to the University Certificate now offered upon the completion of that course. The Certificate in Accountancy will be granted to those who satisfy the entrance requirements of the General Extension Division, and who complete a total of forty-eight credits, distributed as follows:

1. Twenty-four credits in courses considered fundamental for any business occupation, viz., Elementary and Advanced Accounting Princi-

ples (4), Business Law (8), Principles of Economics (2), Practical Economic Problems (2), Money and Prices (2), Corporation Finance (2), and Business English (4).

2. Fourteen credits in the following specialized courses: Accounting Systems (4), Cost Accounting (2), Advanced Accounting Problems (2), Auditing (Theory and Practice) (4), Analysis of Corporation Reports (2).

3. Ten credits, of which not less than four shall be Business Courses selected by the individual student.

1. Elementary Accounting Principles

Associate Professor ROTZEL and Assistant Professor PRESTON

Two credits (one evening per week); first semester.

This course is designed for those who already have a knowledge of elementary bookkeeping principles. Those not having such knowledge may do the work, provided they have sufficient time and ability to acquire those principles by extra work. Assistance will be provided for such students.

Topics: The meaning of the terms bookkeeping, accounting, and auditing. Single and double entry, the principles of debits and credits, and their application to the various accounts. The development of columnar books of original entry. The use of auxiliary ledgers and the necessary controlling accounts. The classification of loss and gain accounts and of balance sheet accounts. Exercises in closing the books and in arranging balance sheets and income statements. The manufacturing, trading, and profit and loss accounts. Imprest cash system, contingent liabilities. Methods of treating cash discounts, depreciation, its causes and methods of representation in the accounts.

2. Advanced Accounting Principles

Associate Professor ROTZEL and Assistant Professor PRESTON

Two credits (one evening per week); second semester.

Further exercises in the preparation of statements, development of operating and revenue accounts, the principles of account classification. Partnership accounts and insolvency statements, corporation accounts, surplus, reserves, and sinking funds. Consolidation of corporations. Different methods of computing depreciation.

To illustrate the principles involved, the students will be expected to solve problems, many of which will be taken from the C. P. A. examinations from the various states.

3. Cost Accounting

Assistant Professor PRESTON

Two credits (one evening per week); first semester. Not given in 1913-14.

Modern industry demands that each plant be equipped with adequate accounting facilities for ascertaining the cost of operation. These costs are necessary to show, first, the profitableness of each branch of the industry so as to enable the management to push the profitable, and

to drop the unprofitable lines, or to place them upon a paying basis; second, the cost of each article as a basis of price making; third, so far as possible the cost of each operation, so as to enable the management to plan economies in the operation of the plant. This branch of accounting appears to offer the most lucrative field in accounting practice.

Topics: The elements of cost, i.e., prime cost and indirect expense or burden, kinds of cost accounting, continuous process and production order costs. The materials ledger. Methods of accounting for labor. Methods of distributing indirect or "overhead" expense. The machine rate method, and when applicable. Methods of compensating labor. Pre-determined standard costs, and their relation to "scientific management". The cost ledger and its relation to the general ledger.

4. Auditing Associate Professor ROTZEL

Four credits (one evening per week); both semesters.

This course is essentially practical and is intended only for those whose previous training in the principles of accounting has been sufficient to enable them to be benefited by their advanced work. The chief aim will be to give students the training necessary to enable them to conduct audits and investigations either as private auditors or public accountants; to set up accounts for various purposes as a result of such audits or investigations and to prepare suitable reports thereon.

5. Advanced Accounting Problems Associate Professor ROTZEL

Two credits (one evening per week); first semester. Not given in 1913-14.

This course consists of a series of the more difficult problems selected from the C. P. A. examinations and other sources, dealing with the interpretation of business statements with missing data, preparation of statements of condition of insolvent debtors, of reports of trustees, receivers, executors; with the preparation of business statements of holding companies, analysis of condition and operations of concerns going into business consolidations, and the like.

6. Accounting Systems Assistant Professor MITCHELL

Four credits (one evening per week); both semesters. Not given in 1913-14.

The aim of this course is to apply the principles of account classification to the accounts of a representative of each type of business, showing how its expense and revenue accounts should be classified, its special accounting problems, and the system of accounts and books which will best accomplish the purpose. The type of business to be dealt with will consist of: financial: the commercial bank, savings bank, and insurance company; mercantile: the department store and lumber yard; manufacturing: the flour mill and brewery; municipal utilities: the gas and electric railway company; public service: the steam railroad and telegraph companies; governmental: accounting systems of municipalities;

legal: the accounts and books of executors and receivers. The subject matter will be illustrated by means of the uniform systems of accounts prescribed by governmental and other commissions, by the published report of corporations, and selected C. P. A. problems.

7. Analysis of Corporation Reports Assistant Professor MITCHELL
Two credits (one evening per week); second semester.

The purpose of this course is to show how to analyze the published reports of railway, industrial, and other corporations, checking statements in one part against related statements in other parts and against supplementary data furnished in the financial periodicals, so as to extract from such reports the maximum information concerning the financial condition, financial operations, earnings, economy of operation, trend of earnings, and investment strength of the securities of such companies.

FINANCE

The courses in Finance are designed to meet the needs of two kinds of students: (1) those who are preparing for, or who are now engaged in, such financial callings as banking, corporation management, stock and bond brokerage, credit work, or financial journalism; and (2) business men who wish to utilize in the upbuilding of their particular business all of the modern scientific knowledge of a practical financial nature.

University Certificate in Finance

Those students who wish to secure a thorough knowledge of finance, and an adequate knowledge of general business for a financial occupation, are urged to arrange their registration so as to obtain the Certificate in Finance as offered by the University.

This certificate will be granted to those who complete a total of forty-eight credits distributed as follows:

1. Twenty-four credits in courses that are considered fundamental for any business occupation, viz., Principles in Economics (2), Money and Prices (2), Corporation Finance (2), Practical Economic Problems (2), Elementary and Advanced Principles of Accounting (4), Business Law (covering contracts, agency, sales, negotiable instruments, partnerships, corporations, real property, common carriers, and bankruptcy) (8), and Business English (4).

2. Twelve credits to be secured by selecting any six of the following specialized courses in Finance: Banking Practice, Commercial Banking, Commercial Credit, Investments, Speculation and the Money Market, Domestic and Foreign Exchange, and Financial History of the United States, of two credits each.

3. Twelve credits, of which not less than six shall be Business Courses, selected by the individual student in accordance with his particular needs or interests.

The American Institute of Banking

The American Institute of Banking recognizes the evening courses of the General Extension Division at the University of Minnesota as fulfilling all the requirements of its educational department. Students who complete these courses in Finance are accredited by the Institute without further examination or formality.

By this arrangement, the members of the Minneapolis, St. Paul, and Duluth chapters of the American Institute of Banking may obtain the certificate of the Institute upon completion of Economics (2 credits), Finance (2 credits), and Business Law (4 credits).

The advanced courses in Finance, as outlined below, coincide with the requirements of those who wish to receive the title of Associate from the Institute for postgraduate study.

1. Money and Credit Assistant Professor EBERSOLE

Two credits (one evening per week); first semester.

A thorough understanding of the character and functions of money and of the principles of credit is the cornerstone of modern business intelligence. This course in money and credit constitutes an interesting and scientific treatment of the forces that determine value and prices, of the processes of exchange, and of the many forms of media of payment represented by monetary and credit instruments.

Topics: The origin, evolution, and functions of money; the gold standard, forms of money current in the United States; government paper, bank notes, and deposit currency described and analyzed; credit and its effects; the causes of general price changes; various types of standards and currency systems including bimetallism, and the gold exchange standard; discount rates, the problem of securing an elastic currency; and the distribution of the world's gold between the nations; the problem of securing an ideal money. Text-book and money-market articles in current newspapers will furnish material for discussion.

2. Corporation Finance Assistant Professor GESELL

Two credits (one evening per week); second semester.

Modern business in all of its major forms is directed through corporate organization. The course in corporation finance is designed to give the student such a knowledge of corporations and their administration as to make clear the general organization of industry and commerce. This is primarily a text-book course, but texts will be extensively supplemented by informal lectures, class discussions, and topical essays.

Topics: The evolution of the private corporation and its relation to other business units; the organization of a corporation; charters and articles of association; directors and officers, manner of their selection, their functions and responsibilities; forms of corporation stocks and bonds and their respective legal and financial characteristics; the marketing of securities; capital and revenues; intangible values; books and accounts; dissolutions, consolidation, and reorganization; trust and holding com-

panies; the taxing of corporations; corporation statistics; the preparation and analysis of corporation reports; the corporation before the law.

3. Banking Practice

Assistant Professor EBERSOLE

Two credits (one evening per week); second semester.

This course aims to explain the various functions of an up-to-date bank and to teach the methods by which its work is accomplished. A careful survey will be made of the economic basis, legal status, accounting methods, and financial problems of banking as carried on by large commercial institutions having a full complement of banking operations including city, country, and foreign business. The method of presentation comprises reading references, lectures, review questions, and use of the blackboard for all computations.

Topics: The documents created by transactions in goods, the function of a bank in aiding industry; the steps in organization of national or state banks; corporate powers, rights, and liabilities of stockholders and directors; bank administration and the various officers and departments; deposits, depositors, and receiving tellers; bank reserves and circulating notes; the clearing-house, handling country checks, and transit departments; collections, domestic exchange; foreign exchange; discounts and collateral loans; credit department; how profits are made on government deposits, by note issue, in buying and selling exchange, by analysis of depositor's accounts; accounting methods and general balances; examinations, supervision, and reports; and bank policy from the analysis of local bank reports. Fee, \$5.00 per semester.

4. Investments

Assistant Professor EBERSOLE

Two credits (one evening per week); second semester. Not given in 1913-14.

Stocks, bonds, endowments, annuities, and other forms of investment considered with regard to their security, income, and opportunity for rise or fall in value. The social process of saving and investment; the investment fund; various classes of investments; the criteria of a good investment applied to government, corporation, and real estate loans; railroad, industrial, timber, and mining securities compared; the laws of investment values. Stock exchange operations; money market and other influences affecting prices; analysis of present fundamental conditions. Text-book and interpretation of financial quotations and reports.

5. Speculation and the Money Market

Assistant Professor EBERSOLE

Two credits (one evening per week); first semester. Not given in 1913-14.

This is a lecture course along advanced lines for the benefit of those having considerable knowledge of business and finance. The course is divided into two parts as indicated in the title. The actual operations upon the stock and produce exchanges are used to illustrate the study of speculation, and the course of the markets and the bank rates is closely followed as a basis of deduction in the analysis of cause and effect.

6. Commercial Banking

Assistant Professor EBERSOLE

Two credits (one evening per week); second semester. Not given in 1913-14.

This course treats successively the economic aspect of the several forms of business institutions occupied in the accumulation and investment of capital and in the organization and transfer of credit. Special attention is given to the principles of commercial banking. Federal and state laws and judicial decisions are systematically reviewed, and the nature and extent of public regulation discussed.

COURSES IN COMMERCE

The course in Commerce is for those not desiring to specialize in either Accountancy or Finance. The Certificate in Commerce will be granted to those who complete a total of forty-eight credits distributed as follows:

1. Twenty-four credits in the fundamental courses required for any of the certificates offered for the completion of courses in Business subjects, as follows: Elementary and Advanced Accounting (4); Business Law (8); Elements of Economics (2); Economic Problems (2); Money and Prices (2); Corporation Finance (2); Business English (4).

2. Twelve additional credits required as follows: Business Administration (2); Merchandising and Salesmanship (2); Advertising (2); Insurance (2); Industrial History (2).

3. Twelve credits, of which not less than six shall be Business subjects, selected by the individual.

1. Elements of Economics

Assistant Professor GESELL

Two credits (one evening per week); first semester.

This course aims to ground the student in principles that are basic in all economic discussions. The study naturally centers in value and the laws of valuation under the various applications.

Topics: Utility and valuation; price and the laws of price as applied to competitive and monopolistic conditions; price and the cost of production; the factors of production; the law of diminishing returns; division of labor and its relation to the development of industry; the forces and factors involved in the concentration of industry, including the difference between the agricultural and the mechanical industries; wages, rent, interest, capitalization, enterprise, and business profits; finally, some attention is given to money, credit, banking, and international trade. Fee, \$5.00 per semester.

2. Practical Economic Problems

Assistant Professor GESELL

Two credits (one evening per week); second semester.

The aim of this course is to study economic principles in their application to some of the leading questions of to-day. Must be preceded by Course 1.

Topics: Labor problems, including unionism, trade agreements, compulsory arbitration, and the Canadian Industrial Disputes Act; monopoly problems, including legal and natural monopolies, such as patents, copyrights, municipal monopolies, and the railway problem; and capitalistic monopolies, or trusts, in the United States; taxation problems and tax reform in the United States; the problem of crises in their relation to business; finally, problems arising from differences in the agricultural and mechanical industries. Fee, \$5.00 per semester.

3. Business Law (a): Contracts and Agency

Messrs. HOUCK and SINCLAIR

Two credits (one evening per week); first semester.

This is the fundamental course in all business law since the general rules of contracts apply to all business relationships.

Topics: Contracts: Definition of a contract; offer and acceptance; special formality; consideration; capacity of parties; contractual powers of minors, of persons mentally deficient, and of married women; reality of consent, mistakes, misrepresentation, fraud, undue influence, force, legality of object; the operation of contracts; assignment of contracts; interpretation of contracts; methods of discharging contracts.

Agency: Methods of forming agencies; methods of terminating agency; the rights and obligations of principals, agents, and third parties. Text, lectures, and cases. Fee, \$5.00 per semester.

4. Business Law (b): Sales and Negotiable Instruments

Messrs. HOUCK and SINCLAIR

Two credits (one evening per week); second semester.

Topics: Sales: Sales of personal property; definition of a sale and its distinction from a bailment; when the title passes to the buyer; what title passes; rights of the seller (a) to set the contract aside on the ground of fraud, (b) to enforce lien for the purchase money, (c) to obtain stoppage in transit; rights of the purchaser (a) to demand goods of a certain quality, (b) to demand warranty of the purchaser's title.

Negotiable Instruments: Nature and characteristics: (a) definitions and characteristics, (b) uniform negotiable instrument law; form: (a) what a negotiable instrument must and must not contain, (b) non-essentials, (c) effect of blanks and delivery; negotiation: (a) negotiation, indorsement, and delivery, (b) holder in due course and his rights; maker's and acceptor's contract: (a) maker's contract on a promissory note, (b) acceptor's contract on a bill of exchange, (c) presentment of a bill of exchange for acceptance; drawer's and indorser's contract: (a) drawer's contract on a bill of exchange, (b) indorser's contract on a bill or note, (c) presentment for payment, (d) notice of dishonor, (e) protest, (f) checks, (g) position of indorser after liability is fixed. Text, lectures, and cases. Fee, \$5.00 a semester.

5. Business Law (c): Partnerships and Corporations

Mr. HOUCK

Two credits (one evening per week); first semester.

The aim of this course is to give the business man such information as will enable him to know what his rights and obligations are as a member of a partnership or a corporation or when dealing with one. Considering that the question of the relation of the public toward corporations is coming to be one of fundamental importance, this course should be of interest to men as citizens.

Topics: Partnerships: Formation of partnerships; articles of co-partnership; methods of terminating partnerships; rights and obligations of partner (a) toward his co-partners, (b) as an agent of the firm, (c) toward the firm's creditors, (d) for an accounting; special partners; limited partnerships.

Joint Stock Companies: How distinguished from ordinary partnerships; how like ordinary partnerships; statutory requirements.

Corporations: Formation of corporations of various classes; terminations of corporations; membership in corporations, methods of transferring interest, fraudulent issuance of stock by corporate officers; rights of stockholders (a) to dividends, (b) to inspect and control corporate affairs; liabilities of stockholders (a) on stock subscriptions, (b) to pay assessments, (c) for the corporate debts; the doctrine of ultra vires; rights and obligations of corporate directors; corporate mergers and consolidations; domestic and foreign corporations. Text, lectures, case assignments, and class discussions. Fee, \$5.00 a semester.

6. Business Law (d): Real Property, Common Carriers, Bankruptcy

Mr. Houck

Two credits (one evening per week); second semester.

Topics: Real property: Estates in land, estates held jointly or in common, equitable estates, relative rights of adjoining owners, trespass, easement, sales of real property, the contract to sell, conveyances, wills, mortgages, and liens; landlord and tenant, the lease, assignment and subletting, rent, and remedies for non-payment.

Common Carriers: The obligations and liabilities of common carriers of goods; the modification of liability by contract; delivery, bills of lading, liabilities of public carrier of passengers, baggage; telephone and telegraph companies.

Insolvency and Bankruptcy. Fee, \$5.00 a semester.

7. State Regulation of Business

Associate Professor YOUNG

Two credits (one evening per week); second semester.

This course is a study of the changed and changing conditions of business from the standpoint of public relations and state regulation. The various phases of the subject are investigated and estimated.

Topics: The general relation of the State to economic interests; the relation between federal and state regulation of commerce; protection against fraud: weights, measures and packages, license and inspection, substitutes, imitations and adulterations, forms of business liable to abuse, fidelity of agents and trustees; protection of debtors: collection of debts,

usury laws, bankruptcy legislation; protection of laborers: hours, wages, blacklisting, and judicial decisions; combinations of laborers: legality of strikes, intimidation and coercion, strikes and trusts; combinations of capital: restraint of trade, manipulation of prices, trusts and monopolies; corporations; business affected with a public interest: regulation of charges, requirements of equal services, public convenience; qualified property: navigable water and riparian rights, mill dams, game and fish, waste of natural wealth; compulsory benefits: measures against improvidence, compulsory industry and improvement; regulation of professions and trades.

8. Principles of Retail Selling

Assistant Professor PRESTON and Special Lecturers

One evening per week; first semester.

A special course designed with reference to the needs of those interested in the retail business, and for those who desire a direct, practical statement of the essentials of successful retail distribution. It is primarily a course for retail salespeople.

Topics: The retail store and its problems generally stated; the principles of retail salesmanship; essentials and illustrations of successful sales practice; personal improvement of the salesman; leaks and losses in retailing and means of avoiding them; standards of efficiency and how attained; means of attracting trade; store organization; store policies; analysis of the costs of selling the goods; efficiency in buying, window display, advertising, credit granting, and collections. A series of printed lectures entitled Retail Selling and Store Management will be used in a text in connection with this course. The lectures will largely be given by successful men in the mercantile field in the Twin Cities. Fee, \$5.00 per semester.

9. Principles of Merchandising

To be given during year 1914-15.

A course outlining the organization and practice of trade. The commercial methods of leading American industries are described and the distribution of goods followed step by step as the goods are carried towards the ultimate consumers. Special emphasis is laid on retail distribution, and the course should prove of great value to those interested in the retail business from the goods and merchandising sides.

Topics: The organization of the market; the agencies for the distribution of goods and the functions of each; the problems of distribution from the standpoint of the producer of raw materials, the manufacturer, the jobber and other middlemen, and the retailer; the customary channels of distribution for typical products such as grain, vegetables, fruit, dairy produce, eggs, meats, manufactured goods, textiles and textile goods, shoes, furniture, drugs, hardware, groceries, and so on; variations and modifications in the customary channels of trade: mail-order selling, direct from producer to consumer selling, co-operative buying and co-operative selling; market organizations: boards of trade, produce exchanges, cham-

bers of commerce, trade associations, business co-operations, and market service organizations; analysis of the costs of the distribution of goods; control of the market and price maintenance: legal, business, and social aspects; trade-mark development; the operation of competition, custom fashion, and chance in marketing.

10. Advertising

Mr. MARTIN

Two credits (one evening per week); second semester.

A study of advertising from a new angle. The student puts himself in the place of one having a product for sale, or one called upon to arrange an advertising campaign.

From the first lesson to the last each lecture is so planned as to give the methods pursued in planning and conducting a step in an advertising campaign. When the student has completed the course, he will have planned, in all the details, one complete advertising campaign. Each student will be furnished with pamphlets of these lectures, which will give references to practically everything which has so far been published on subjects taken in the course. In this way the experience of possibly three hundred of the leading advertising men of this country will be available to the student. The outline for the course has been examined by some of the leading advertisers of America, and the course will be conducted by a man of ten years' experience in conducting advertising campaigns.

Topics: The student, after choosing the article which he proposes to advertise, will analyze the article, analyze the market, analyze the channels of distribution, analyze the advertising media, analyze the selling points, and determine in each case which are the best suited for his product. The student will next determine the amount of money it will be advisable to spend, will take up the subject from the standpoint of psychology, and then plan a complete advertisement for each of the media chosen. Throughout the campaign special plans for investigating the advisability of the product will be outlined, and the last lecture will discuss the different methods of estimating the results of the advertising. Fee, \$10.00 per semester.

11. Business Organization and Management

Assistant Professor PRESTON

Two credits (one evening per week); second semester.

A study of the organization of typical businesses: the mercantile establishment, the industrial establishment, the transportation company, with reference to the following: 1st. Organization of the ownership, i.e., single proprietorship, the partnership, the corporation, and the joint stock company. 2d. The division of authority and responsibility, the relation of specialization to organization. 3d. The purchasing department. 4th. The production department; the new system of scientific management; wage systems and their relation to efficiency. 5th. The sales department; the advertising department and its relation to the

sales department. 6th. The traffic department and its functions and organization. Texts and assigned readings.

12. Business English and Sales Correspondence Mr. TODD
Four credits (one evening per week); both semesters.

"Writing letters that pull is not an intuition; it is an art that one may acquire." To master fundamental principles, study methods of presentation, test effectiveness of appeal, devise new methods of getting attention and creating interest, will be the purpose of this course. Study will be made of the principal customs of speech and an analysis of the sentence unit; a review of the principles of composition, using the letter as a basis; the psychology of sales correspondence analyzed and applied; special attention will be given letters of application, letters of complaint, sales letters, follow-up letters, and collection letters. This course will be made intensely practical and much will be expected of the student in the way of practice writing. The course should precede that in Advertising given the second semester.

13. Railroad Traffic and Rates

Assistant Professor GESELL and Mr. KUEMPEL

Two credits (one evening per week); first semester.

Topics: The development of the American railway; the railway mechanism; the organization and management of the freight service; the nature and sources of American railway traffic; car service and efficiency; shipper's cars and private car lines; the theory of rate making; the basis of railway charges; freight classification and tariff; rate making in Trunk Line territory, in Southern territory, in Western and Transcontinental territory; routing and mis-routing traffic; the basing point system; the distance tariff and the new Minnesota Rate Law; the State and Federal Rate Commissions; the Minnesota Rate Case; legal responsibilities of the carrier.

14. Industrial History of the United States Assistant Professor GESELL
Two credits (one evening per week); first semester. Not given in 1913-14.

The industrial development of the United States since the Revolution, and especially since the Civil War. No preliminary course required. Fee, \$5.00 per semester.

15. Commercial Geography Assistant Professor LEHNERTS
Two credits (one evening per week); first semester.

A study of the production and distribution of the world's leading commercial products with reference to the source, use, and industrial processes. Texts, lectures, collateral reading, and the use of an extensive collection of illustrative material and lantern slides. Fee, \$5.00 per semester.

CHEMISTRY

1. General Elementary Chemistry

Mr. TEMPLE

Two credits (two evenings per week); first semester.

A study of the common chemical elements and their compounds, with an introduction to the modern theories of chemistry. Lectures, text-book, and laboratory work. Fee, \$10.00 per semester.

EDUCATION

1 (3)*. Brief History of Education

Professor SWIFT

Three credits (two evenings per week); each semester. Ranks as a junior and senior course in the University. Open to teachers and prospective teachers who have met the college entrance requirements.

The origin and development of schools, more particularly in the modern period, as a preparation for the understanding of the educational systems, theories, and practices of the present. Fee, \$10.00 a semester.

2 (7). The Theory of Education

Assistant Professor QUIGLEY

Three credits (two evenings per week); Monday and Wednesday; first semester. Open to teachers and prospective teachers who have met the entrance requirements, and to school patrons who are interested in the progress of education and whose previous consideration of such topics has fitted them for the work.

This is an introductory course in educational theory. It emphasizes the fundamental principles upon which successful practice depends. Actual observation of school work will give point to the discussions. Current educational literature will be reviewed. An effort will be made to develop a basis for judgment in all matters pertaining to the educative process. Fee, \$10.00 a semester.

3 (9). School Supervision

Professor RANKIN

Two credits (one evening per week); second semester. Open for credit to high-school graduates who are also graduates of normal schools, or who have had adequate experience in teaching. Other persons, not desiring credit, may register. Each prospective student must get permission from instructor before registering for course.

A course in fundamental principles of school organization, administration, and supervision. It is designed for teachers, principals, superintendents, members of boards of education, parents, or others who are interested in discussions relating to methods of administration and supervision of public school education. Fee, \$5.00 a semester.

4 (11). Philosophy of Education

Assistant Professor QUIGLEY

Three credits (two evenings per week); Monday and Wednesday; second semester. Open to all teachers and prospective teachers who

*The number in parentheses is that of the corresponding course in the regular University bulletins.

have met the college entrance requirements, and to any mature students who have some basis for appreciation of the work.

An endeavor to correlate the various educational ideals drawn from biological and psychological studies, with special consideration of recent social phases of education. An attempt to answer the question, "What does education mean to-day?" Fee, \$10.00 a semester.

5 (23). Industrial Education

Professor RANKIN

Four credits (one evening per week); both semesters; Wednesday. Open for credit to high-school graduates who are graduates of normal schools, or who have had adequate teaching experience, or who have had adequate experience as industrial workers. Other persons, not desiring credit, may register. Each person who wishes to take the course should see the instructor before registering.

The course treats of the necessity for vocational training in the public schools. It aims to show the bearing of the facts of universal education and industrial evolution on the methods and material of a system of public schools. Fee, \$5.00 a semester.

6 (16). School Sanitation

Professor RANKIN

Two credits (one evening per week); first semester. Open for credit to teachers, prospective teachers, and school board members. Those desiring University credit must be eligible for enrollment in the University. Others may take the course without credit. Each student must see the instructor before enrolling.

This course will be conducted by text, by lectures, and by investigation into the problems of school lighting, heating, and ventilation, and other questions of school architecture and management connected with the physical well-being of the pupils.

ENGINEERING

ARCHITECTURE

1. Architectural History

Professor MANN

One evening a week.

Twelve lectures illustrated with lantern slides, covering the ancient and Renaissance periods. Fee, \$5.00 per semester.

2. Elementary Architectural Design

Mr. WALTON

One evening per week.

Shades and shadows and wash rendering. Architectural elements such as doors, windows, mouldings, and the architectural orders; lectures and drawing. Open only to high-school graduates who have had mechanical drawing, or to those who have had one year or more in an architect's office, or who have had equivalent drafting experience. Sixteen weeks. Fee, \$7.50 per semester.

3. Intermediate and Advanced Architectural Design

Professor MANN and Mr. _____

One evening per week.

Regular Class "A" and Class "B" competitions of the Society of Beaux Arts Architects. Open only to those who have had at least two years' experience in an architect's office, or the equivalent in attendance at a regular architectural school. From about November 1 to about May 1. (Dates will be announced later.) Fee, \$10.00 per semester.

CIVIL ENGINEERING

1. Reinforced Concrete

Professor CONSTANT

One evening a week.

Covering the elements of the theory and practical design of reinforced concrete structures. Fee, \$10.00 per semester.

2. Structural Design

One evening a week.

This course will include a treatment of structural mechanics and stress computation, and the elements of the principles and practice governing the design of tension and compression members, beams, girders, and columns. Fee, \$10.00 per semester.

(Prerequisite: An elementary working knowledge of mathematics through trigonometry, and some knowledge of elementary physics.)

DRAWING AND DESCRIPTIVE GEOMETRY

1. Map Drawing

Assistant Professor ZELNER

One evening per week.

(a) Farm and city plats.

(b) Real estate display maps.

(c) Landscape architects' maps.

(d) Topographie and hydrographie symbols.

Fee for course, \$7.50 per semester.

2. Lettering and Titles for Engineers

Assistant Professor ZELNER

One evening per week.

Principally freehand Reinhardt lettering.

Title lay outs and lettering.

Fee for course, \$7.50 per semester.

ELECTRICAL ENGINEERING

1. General Course in Electricity

Mr. _____

One evening per week for twelve weeks beginning about December 1.

An experimental study of the practical applications of the various effects of electricity and magnetism. Fee, \$7.50 per semester.

2. Elements of Alternating Currents

Mr. TURNER

One evening per week for twenty-four weeks beginning about October 1.

An experimental study of alternating currents, including the modifications of Ohm's law to include effects of inductance and capacity, the fundamental principles of the impedance coil, transformer, generator, motor, telephone transmitter and receiver, and the like. The treatment will lead up gradually from simple explanations, and the necessary mathematics will be developed as required. Fee, \$7.50 per semester for two semesters.

3. Power Station Electrical Apparatus

Assistant Professor RYAN

One evening per week for twelve weeks beginning about December 1.

A study of the problems involved in the operation and maintenance of direct and alternating current generators and motors, switchboards, electrical measuring instruments, and storage batteries. This course is designed for men connected with central stations and isolated plants. Fee, \$10.00 per semester.

EXPERIMENTAL ENGINEERING

1. Elements of Engine and Power Plant Testing

Assistant Professor SHOOP

One evening a week.

Fee, \$10.00 per semester.

2. Testing of Materials of Construction, with special reference to Cement and Concrete

Mr. McMILLAN

One evening a week.

Fee, \$10.00 per semester.

MATHEMATICS

1. Elementary Applied Mechanics

Professor BROOKE

One evening a week.

A short, practical course in elementary mechanics designed to meet the needs of students who have had a limited training in mathematics. Numerical calculation, simple graphical calculations, forces, simple machines, work, power, energy, strength of materials, elementary hydraulics and pumps. Fee, \$5.00 per semester.

MECHANICAL ENGINEERING

1 (5 and 6). Machine and Tool Construction

Assistant Professor SHIPLEY

Four credits (one evening per week); both semesters. Open to practical machinists and apprentices who are able to do the work with profit to themselves.

A series of lectures on the theory, together with shop practice, giving instruction regarding taps, reamers, cutters, gears, and other special features. Fee, \$7.50 per semester.

2 (1b). Pattern Making

Mr. RICHARDS

Two credits (one meeting per week); both semesters. Open to practical mechanics and apprentices capable of getting something out of the work.

A series of lectures on the theory of pattern making, practically applied in the shop. Fee, \$7.50 per semester.

Note.—It is hoped also to be able to offer the following courses:

3. Steam Engineering
4. Automobile Construction
5. Heating and Ventilation

More definite announcement will be made later.

ENGLISH

1 (1). British Poets of the Nineteenth Century

Professor CRAIG

Two credits (one evening per week); first semester.

A course of lectures on the principal poets in the nineteenth century, their significance in the life of the time and in the world's literature.

Those who take this course for credit will be required to have a prerequisite of six hours in the Department of English. Fee, \$5.00 a semester.

2 (7a). Shakespeare

Mr. NORTHROP

Two credits (one evening per week); first semester.

An introductory study of Shakespeare's development as a poet and dramatist with reading of representative plays. Consideration of bibliography and of methods of Shakespearean teaching. Fee, \$5.00 a semester.

3 (7b). The Later Plays of Shakespeare

Mr. NORTHROP

Two credits (one evening per week); second semester. Open to students who have completed Course 2.

Intensive classroom analysis of four plays. Comprehensive collateral reading of other plays. Fee, \$5.00 a semester.

4. Teachers' Course in Shakespeare

Mr. NORTHROP

Not for credit (one evening per week); first semester.

A chronological study of the plays of Shakespeare, examining in particular the traces of development in mind and art. Emphasis is put upon the gradual evolution of the dramatist's powers as evinced in the whole sequence of his work. The lectures will be followed by informal discussions. Fee, \$5.00 per semester.

5. The Short Story in English Professor BURTON and ASSISTANTS
Two credits (one evening per week); first semester.

A study of the principles and practice of the short story as evolved in modern literature. The work is aimed to teach not only technic of the form, but to train the student in the actual production of this sort of fiction. Fee, \$5.00 per semester.

6. The Theatre and Social Welfare Professor BURTON
Two credits (one evening per week); first semester.

This is offered as a single lecture, or course. If the latter, it endeavors to show that the vital modern drama has for its special aim the discussion of the important social questions of the day, and hence has value as social documents. Fee, \$5.00 per semester.

7. Greek in English.
For description see GREEK.

GEOLOGY AND MINERALOGY

- 1 (1a). General Geology Mr. JOHNSTON
Two credits (one evening per week); first semester. Not a first-year college course.

A synoptical treatment of the materials of the earth and of geologic processes; physiographic, structural, and dynamic geology, with a brief introduction to historical geology. Lectures, laboratory work, field excursions, map study, and conferences. Fee, \$5.00 a semester.

- 2 (2). Geography and Geology of Minnesota
Assistant Professor LEHNERTS
Two credits (one evening per week); first semester.

The geological study of Minnesota. Its rocks and soils; minerals and mines; building stones, clay beds, and glacial deposits; rivers and lakes; scenic features; waterways and water powers; artesian well basins; prairies, forests, and agricultural lands. Problems of state-wide interest, such as immigration, agriculture, drainage, reforestation, construction of state highways, utilization of natural resources, and development of old and new industries. Fee, \$5.00 a semester.

GERMAN

1. Beginning German Mr. DAVIES
Eight credits (two evenings per week); both semesters. Open to all who have had no German. Both semesters must be completed before credit is given for the first semester.

Pronunciation, grammar, conversation, and composition selected reading in easy prose and verse. Fee, \$10.00 per semester.

2. Intermediate

Mr. GEISSENDOERFER

Six credits (two evenings per week); both semesters. Open to those who have completed Course 1 or its equivalent. Both semesters must be completed before credit is given for the first semester. Students who obtain credit for this course can not receive credit also for Course 4.

First semester, selections from modern narrative and descriptive prose; selected lyrics and ballads. Second semester, a drama of Lessing, Goethe, or Schiller. Fee, \$10.00 per semester.

3. Prose and Poetry

Assistant Professor BURKHARD

Six credits (two evenings per week); both semesters. Open to all with two years of German. Not open to those who have obtained credit in Course 2. Both semesters must be completed before credit is given for the first semester.

Stern's *Aus deutschen Meisterwerken*; Goethe's *Gedichte*; Heine's *Buch der Lieder*. Geography, history, and legend. Review of German grammar throughout the year. Fee, \$10.00 per semester.

4. Elementary Conversation and Composition

Mr. KOENIG

Four credits (one evening per week); both semesters. Open to those who are taking or have taken Course 2 or 4. Both semesters must be completed before credit is given for the first semester.

Translation of short English selections; conversation on topics of every-day life; narrative and descriptive essays and letter writing. Fee, \$5.00 per semester.

5. The Drama

Mr. GEISSENDOERFER

Six credits (two evenings per week); both semesters. Open to those who have taken Courses 1 and 2, or Course 4. Both semesters must be completed before credit is given for first semester.

First semester: Modern drama. Plays of Hebbel, Hauptmann, or Sudermann. Study of the present-day drama in Germany. Assigned readings and reports. Second semester: Classic drama. Plays of Lessing, Goethe, or Schiller. Study of dramatic structure. History of the German drama in the eighteenth century. Fee, \$10.00 per semester.

6. Advanced Conversation, Grammar, and Composition

Professor SCHLENKER

Four credits (one evening per week); both semesters. Open to those who have taken Course 6. Required of those who obtain a teacher's recommendation in German. Both semesters must be completed before credit is given for the first semester.

Essays on assigned subjects; oral exercises in German by means of discussions on every-day subjects; debates, narration, and the like. Fee, \$5.00 per semester.

GREEK

1. First Year in Greek

Professor HUTCHINSON

Six credits (two evenings per week); both semesters. Open to all. Both semesters must be completed before credit is given for the first semester.

First semester: The declensions and conjugations and the simpler rules of syntax, together with sentences based on the vocabulary of the *Anabasis*, and translation into Greek of idiomatic English sentences based upon the same text.

Second semester: The *Anabasis* itself, an amount equivalent to about a book; Hadley's Greek Grammar; etymology reviewed and syntax studied sufficiently to enable the student to proceed confidently in the translation of the text; translation from English into Greek continued. Fee, \$10.00 per semester.

2. Greek in English (Greek Literature, Life, and Art) Professor SAVAGE

Two credits (one evening per week); first semester.

This is a course in the literature, life, mythology, and art of the ancient Greeks for which no knowledge of Greek is required. The course will consist of lectures and illustrative readings by the instructor and assigned readings in translation and text-book work by the class; conferences and informal discussion will also be held. The character and influence of Greek culture, especially along the lines of literature, philosophy, and art, will be discussed. Among the lectures to be given will occur the following: Greek Literature and its Influence; Homer and the Homeric Age; Sappho and the Greek Lyric; Greek Plays and the Greek Theatre; Demosthenes and Greek Oratory; Greek Architecture; Mythology in Greek Art; The Women of Greece. The course will be richly illustrated by the stereopticon. Fee, \$5.00 per semester.

HISTORY

1. Mediaeval and Modern History

Professor DAVIS

Six credits (two evenings per week); both semesters. Open to all.

The growth of France, Germany, and Italy from 800 A. D. to the French Revolution, with reference also to social and economic conditions. and to the Mediaeval church. Fee, \$10.00 a semester.

2 (8). American Political History, 1492-1912

Professor ANDERSON

Six credits (two evenings per week); both semesters.

Brief survey of the colonial and the most recent periods, with fuller treatment for the years 1789-1865. Special attention given to political parties, territorial expansion, slavery, and the Civil War. Fee, \$10.00 a semester.

LATIN

1. Livy: Books I, II, XXI, XXII. Selections Professor CLARK

Three credits (two evenings per week); first semester. Open to those who have completed four years of Latin in preparatory schools. Course 2 must also be completed before credit is given for this course.

Latin composition and review of the principles of Latin syntax. Fee, \$10.00 a semester.

2. Plautus and Terence. Selections Professor CLARK

Three credits (two evenings per week); second semester. Open to those who have completed Course 1.

The translations of selected plays of Plautus and Terence, with an outline study of the beginnings of the Roman drama. Fee, \$10.00 a semester.

EVENING COURSES IN LAW

SCOPE OF COURSE

University extension courses in substantive law are given under the immediate direction of the Faculty of the Law School. They are designed primarily for the benefit of those persons who desire legal instruction for the purpose of better qualifying themselves for business careers. They do not lead to a degree.

TIME AND PLACE OF INSTRUCTION, AND TEXT-BOOKS

All instruction in Law will be given at the Law Building of the University of Minnesota, Minneapolis. Class exercises will be held on the evening of each week day, excepting Saturday, during the session, beginning at 7:30 and extending not later than 9:30.

For the present, at least, text-books used by students in pursuing the courses will be loaned by the University free of charge, upon payment of a deposit fee not to exceed \$5.00. This deposit will be repaid upon the student's returning in good condition all of the books loaned to him during the year.

REQUIREMENTS FOR ADMISSION

The requirements for admission to the extension courses in Law are in general the same as for the day courses in the College of Science, Literature, and the Arts; namely, either (1) special entrance examinations, (2) graduation from an accredited school in Minnesota, or (3) evidence, by certificate, of equivalent scholastic preparation.

By special arrangement, persons who are at least twenty-one years of age, and who do not comply with the general requirements as above outlined, may enter the evening courses in Law. In such cases, it will be necessary for applicants to satisfy the department that they are adequately fitted to carry the proposed work.

COURSES GIVEN IN 1913-14

The complete extension curriculum in Law will extend through three years, with six lecture periods a week each year. The courses given are described in outline below.

First Year

Personal Property

Professor THURSTON

One hour, first semester.

This course includes a consideration of the distinction between real and personal property; the acquisition of title to personal property other than by sale; accession, confusion; gifts; finding; property rights of bailor and bailee; possessory liens, and pledges.

Contracts

Mr. MITCHELL

Two hours throughout the year.

This course deals with the general principles of the Law of Contracts. The student considers fully the rules governing the making of contracts, their operation and discharge, and the legal consequences of a breach of contract. The general purpose of the course is to afford a foundation for the later study of the important kinds of specific contracts, such as those of agency, bailments, partnership, commercial paper and sales, which are considered in separate courses.

Domestic Relations

Professor PAIGE

One hour, first semester.

This course treats of marriage and divorce; parent and child; guardian and ward; property law peculiar to the marriage relation; rights and liabilities of persons under the disabilities of coverture, infancy, insanity, etc.

Criminal Law

Professor PAIGE

Two hours, first semester.

This course deals with the common and statutory law of crimes, its historical development and practical application.

Agency

Professor JAMES

Two hours, second semester.

In this course are treated the creation of the relation of principal and agent, capacity of parties, reciprocal duties of principal and agent, respective rights and liabilities of principal and agent to third parties,

including the doctrine of undisclosed principal, requisites and effect of ratification, and termination of the relation.

Sales

Professor FLETCHER

Two hours, second semester.

This course includes a consideration of sales of specified goods; sales of goods not specified; reservation of title by bill of lading; effect of fraud upon the contract of sale; conditions and warranties; vendor's lien; stoppage in transitu, and the Statute of Frauds.

Second Year

Domestic Relations

Professor PAIGE

One hour, first semester.

(This course is identical with that given to the first-year class as above described.)

Criminal Law

Professor PAIGE

Two hours, first semester.

(This course is identical with that given to the first-year class as above described.)

Agency

Professor JAMES

Two hours, second semester.

(This course is identical with that given to the first-year class as above described.)

Sales

Professor FLETCHER

Two hours, second semester.

(This course is identical with that given to the first-year class as above described.)

Real Property

Professor FLETCHER

Two hours, first semester.

This course covers a general treatment of estates in real property, the rights incident to ownership of realty, powers, uses and trusts, easements, and the methods of transferring rights in real estate.

Mortgages

Professor THURSTON

One hour, first semester.

In this course are considered the essential elements of legal and equitable mortgages, both of realty and chattels; rights of mortgagor and mortgagee at law and in equity; title, possession, dower, curtesy, waste, priorities, collateral agreements, foreclosure, redemption; extension, assignment, and discharge of mortgages.

Constitutional Law

Professor FLETCHER

Two hours, second semester.

This course deals with the nature of the American constitutional system, including the relation of the states to the federal government;

the legislative, executive, and judicial departments, with express and implied powers of each; interstate commerce; constitutional limitations; police power; due process of law; taxation; eminent domain, etc.

Third Year

Real Property Professor FLETCHER

Two hours, first semester.

(This course is identical with that given to the second-year class as described above.)

Mortgages Professor FLETCHER

One hour, first semester.

(This course is identical with that given to the second-year class as described above.)

Constitutional Law Professor FLETCHER

Two hours, second semester.

(This course is identical with that given to the second-year class as described above.)

Private Corporations Mr. ABBOTT

Two hours, second semester.

This course deals with the nature, creation, and citizenship of corporations, *ultra vires* contracts and acts, stock issues, rights and liabilities of stockholders, officers and agents of corporations, and rights of creditors.

Wills and Administration Professor VANCE

One hour, first semester.

This course treats of testamentary capacity; execution, revocation, and republication of wills; descent; probate of wills and administration of estates.

Partnership Professor PAIGE

Two hours, second semester.

This course deals with the nature and formation of the partnership relation, and the rights and liabilities of the partners, both *inter se* and as to third parties.

Negotiable Instruments Professor PAIGE

Two hours, first semester.

This course considers formal and essential requirements of negotiable instruments, and the nature of the liability of the respective parties thereto; acceptance; endorsement; transfer; presentment; notice of dishonor; the Negotiable Instruments Law.

UNIVERSITY CREDIT FOR EXTENSION WORK IN LAW

Students who show special aptitude may receive credit in extension courses towards a degree in Law. Any student who has completed with

marked success any extension course will be admitted to the regular Law School examination in that subject, and, if successful, will be given full credit. After securing credit for all the subjects taught in the extension course in Law, and thereupon completing at the Law School of the University of Minnesota the various procedural courses required for a degree, a student will be entitled to graduation, provided that previous to taking these examinations he could have qualified as a regular student in the Law School by having completed two years of academic work in an institution of collegiate rank. It is possible also for a student who successfully completes the extension courses in Law to qualify for passing the bar examination for admission to practice, by taking the regular practice work in the Law School during an additional year.

EXAMINATIONS AND CERTIFICATES

Upon completion of each of the courses above described an examination will be held. Students who successfully pass all examinations given during the three years' course will receive a certificate showing that they have completed the University Extension Course in Law.

FEEES

The tuition fee for the regular Extension Course in Law is \$50.00 per year, payable one-half at the beginning of the first semester and one-half at the beginning of the second semester. Students taking less than the whole course will be required to pay at the rate of \$5.00 for each recitation per week for each semester. No other charge of any kind will be made excepting the deposit required for the safe return of textbooks loaned, as indicated above.

For further particulars apply to:

Director of the General Extension Division, University of Minnesota, Minneapolis, Minnesota.

MATHEMATICS

1. Higher Algebra, Part I

Mr. ADKINS

Four credits (two evenings per week); first semester.

The fundamental rules, factoring, highest common divisor, lowest common multiple, fractions, involution, evolution, surds, imaginaries, simple equations with one, two, and several unknown quantities, inequalities, ratio and proportion, arithmetical and geometrical progressions, quadratic equations, and numerous problems requiring both simple and quadratic equations. The examples and problems are more difficult than those under the same subjects in Elementary Algebra and demonstrations are an important part of the work. Fee, \$10.00 per semester.

2. Higher Algebra, Part II

Mr. ADKINS

Four credits (two evenings per week); second semester. Open to those who have completed Course 1, or its equivalent.

Variation, quadratic equations reviewed, irrational equations, special higher equations, simultaneous quadratic equations, differentiation of algebraic functions, development of functions (by the method of indeterminate coefficients, Taylor's formula, and the binomial theorem), theory of equations and solution of numerical higher equations, permutations and combinations. Fee, \$10.00 per semester.

3 (4). Logarithms and Trigonometry

Mr. SLOBIN

Four credits (two evenings per week); first semester. Open to those who have completed Course 2 (Higher Algebra, Part II).

Text, tables, and numerous problems. Fee, \$10.00 per semester.

4 (7). Analytical Geometry

Mr. SLOBIN

Four credits (two evenings per week); second semester. Open to those who have completed Course 2 or 4 (Advanced Algebra and Plane Trigonometry, or Logarithms and Trigonometry).

Rectilinear and polar co-ordinates, producing equations of loci whose law of development is known, constructing and discussing such equations, transformation of co-ordinates, properties of the straight line, the conic sections and higher plane curves by means of their equations. Fee, \$10.00 per semester.

PHILOSOPHY AND PSYCHOLOGY

1. Elements of Psychology

Assistant Professor WOODROW and Mr. EDWARDS

Three credits (two evenings per week); each semester. Open to sophomores, juniors, seniors, and teachers. This course is required for the Teacher's Certificate. The aims and methods of psychology, the facts and laws of mental life, and the functions of the various mental processes in the adjustment of man and his environment. Fee, \$10.00 per semester.

2. Logic

Associate Professor SWENSON

Three credits (two evenings per week); each semester. Open to those who have had some college work, and teachers.

The nature of knowledge, the laws of reasoning, and the principles and methods of scientific proof. The aim of this course is to produce accuracy of thought as well as to familiarize the student with the logical grounds of modern science. Text-book, lectures, and reports. Fee, \$10.00 per semester.

3. Mental Retardation

Mr. KUHLMANN and Assistant Professor MINER

Three credits; first semester. Two consecutive recitation hours on Saturday morning, 11 to 1 o'clock, and supplementary clinical work and

practice training. Open to those who have completed a year of Psychology or who have had an introductory course in Psychology and have taught. A course especially important to teachers.

The nature of backward and exceptional development in children; the measurement of mental development and the detection of defects; the devising of special training for unusual children; the developmental problems of truancy and juvenile delinquency. Especially designed for those contemplating teaching or social work. The clinic in mental development will be at the service of the students, and the observation of backward children forms part of the work. Fee, \$5.00 per semester.

POLITICAL SCIENCE

1. American Government

Associate Professor ALLIN

Two credits (one evening per week); first semester.

This course deals with the organization and operation of the national, state, and local governments, and with the elements of political parties.

It is intended as a preparation for good citizenship. Fee, \$5.00 a semester.

2. City Government

Two credits (one evening per week); second semester.

This is a course in the study of the modern city. The chief topics are: Methods of framing and amending city charters, the initiative, referendum, recall, new methods of making nominations, preferential voting, municipal activities, finance and accounting, municipal inefficiency and corruption and the proposed reforms. Fee, \$5.00 a semester.

RHETORIC AND PUBLIC SPEAKING

1 (20). A General Course in Public Speaking

Assistant Professor RARIG and Mr. GISLASON

Four credits (one evening per week); both semesters. Open to ministers, lawyers, teachers, and others who are able to carry the work successfully.

The fundamentals of effective speaking; study and practice of the principles of breathing, voice-production, enunciation, and action; delivery of extracts from the works of well-known writers and speakers; the principles underlying the making of the speech applied in both oral and written compositions. Fee, \$5.00 a semester.

2 (2a). Exposition, Description, and Narration

Assistant Professor COOK

Six credits (two evenings per week); both semesters. Open to those who have completed the equivalent of Course 1 in college Composition and Rhetoric.

In the first semester, the analysis of specimens of exposition; short themes and fortnightly essays, with emphasis on careful planning and amplification. In the second semester, the same general plan applied to description and narration. Fee, \$10.00 a semester.

ROMANCE LANGUAGES

1. Beginning French

Assistant Professor FRELIN

Six credits (two evenings per week); both semesters. Open to all. Both semesters must be completed before credit is given for the first semester. Not credited toward a minor in French.

French grammar and reader; modern texts. Fee, \$10.00 a semester.

2 (3). Advanced French Grammar and Composition

Professor ANDRIST

Six credits (two evenings per week); both semesters. Open to all who would enter the University with two years of French. Both semesters must be completed before credit is given for the first semester.

French grammar; readings from modern authors, including selections from Coppée, Feuillet, and Daudet. Fee, \$10.00 a semester.

3 (12). Beginning Spanish

Mr. MELOM

Four credits (one evening per week); both semesters.

The aim of the course is to give the student a practical knowledge of every-day Spanish. Grammar, pronunciation. Easy reading and practice in speaking will be its main features. Fee, \$5.00 per semester.

SCANDINAVIAN

1 (6). Modern Norwegian Literature

Professor BOTHNE

Six credits (two evenings per week); both semesters. Open to advanced students who have completed Courses 1 and 2 (Elementary and Advanced Norwegian) and others having equivalent preparation. Both semesters must be completed before credit is given for the first semester.

History of Norwegian literature from 1814 to the present day. Fee, \$10.00 a semester.

2 (7). Swedish Literature

Professor STOMBERG

Six credits (two evenings per week); both semesters. Open to advanced students who have completed Courses 3 and 4 (Elementary and Advanced Swedish) and others able to carry the work successfully. Both semesters must be completed before credit is given for the first semester.

History of Swedish literature from 1710 to the present time. History of the literature and study of modern authors, including Selma Lagerlöf, Geijerstam, Strindberg. Fee, \$10.00 a semester.

SCIENCE

1 (1). Botany I

Professor CLEMENTS

Three credits (two evenings per week).

A university course in general botany, designed to meet the needs of students who have not the facilities of a regular laboratory. The course includes field study of autumn flowers, of weeds, trees, and shrubs, and of mushrooms and toadstools; the preparation of herbs and woody plants in garden and nature for winter; the migration of seeds and fruits; the gross structure of plants; the physiology of germination and growth. Fee, \$10.00 a semester.

2 (2). Botany II

Professor CLEMENTS

Three credits (two evenings per week).

A continuation of Course I, taking up the study of the physiology of the adult plant, its methods of making and assimilating food, and its relations to water, light, temperature, etc.; the use of plants in every-day life; classification and relationships of flowering plants; principles of propagation and plant breeding; vegetation of North America. Fee, \$10.00 a semester.

3 (11). Industrial Botany

Professor TILDEN

Six credits (two evenings per week); both semesters. Open to those who have had one year of high-school botany, or one semester of Botany 1.

A study of plants as materials and agents in every-day life, with especial emphasis upon their uses in the home, in the industries, and in agriculture and forestry. Attention will be paid to the origin, distribution, and cultivation of useful plants, the nature and use of the products obtained from them, and the processes employed. Fee, \$10.00 a semester.

4. School Gardens

Professor CLEMENTS

Three credits (two evenings per week); second semester. Prerequisites the same as for Course 3.

A garden study of the common, useful, and ornamental plants with especial reference to the development of school and experimental gardens, as well as to methods of propagation and cultivation. Stress is laid upon the correlation of the garden work with the life of the school, and a general survey is made of the development of the school garden idea. Fee, \$10.00 a semester.

5. Field Botany

Professor ROSENDAHL

Three credits (two evenings per week); second semester.

A course in out-of-doors botany which attempts to teach certain phases of plant life by direct contact and associations. The plant world is presented as an assemblage of living things, and plant individuals and societies are studied as having problems of their own in adaptation, competition, migration, etc. The complex inter-relationship of insects and plants is taken up, and questions of pollination, fertilization, and hybrid-

ization are considered in this connection. The essentials of classification and relationship as they apply to the flowering plant series are given due attention.

This course combined with Course 1 will meet the requirements for Botany toward the State Professional Certificate.

This course carries three university credits for garden work not specified in any course. Fee, \$10.00 a semester.

SOCIAL ECONOMICS

Emphasizing human cost, human economy, human efficiency, and human justice, the following courses in Social Economy make an appeal to both the social worker and the business student. This is true particularly of the business student who desires to be a leader. A farsighted view of business has always shown that a proper regard for the human factor may increase profits. Furthermore, society is already insisting that the heads of large business enterprises be socialized business chiefs.

Social workers, including teachers, charity workers, public officers, ministers, workers for civic improvement, or for peaceable adjustments between labor and capital, will find these courses to be of vocational value.

Certificate in Civic and Social Service

The University now offers a Certificate in Civic and Social Service to those students who complete the following course of study. This certificate will be awarded upon the satisfactory completion of forty-eight credit hours of work as indicated below. The student may complete this course in three years of eight hours a week, but in many cases four years of six credit hours a week will be advisable.

FIRST GROUP

(Twenty-four credits, all required)

In Economics—

Elements of Economics (2)*

Industrial History:

English (2)

American (2)

Labor Problems:

Part I (2)

Part II (2)

Economic Conditions in American Cities (2)

In Political Science—

American Government (2)

Municipal Administration (2)

*Figures in parentheses indicate number of credits which correspond to the number of class hours per week.

In Sociology—

Descriptive Sociology (2)

Elements of Sociology (2)

Social Pathology (2)

In Psychology—

Elements of Psychology (2)

SECOND GROUP

(Subjects aggregating twenty-four credits to be selected)

In Economics—

Labor Problems, Part III (2)

Labor Investigations (4)

State Regulation vs. Socialism:

Part I. European (2)

Part II. United States (2)

Elements of Statistics (2)

Laboratory in Charities (2)

In Political Science—

Modern Political Thought (2)

Police Power (2)

In Sociology—

American Peoples (2)

Modern Social Institutions (2)

In Psychology—

Mental Retardation (2)

In Education—

Philosophy of Education (2)

In English—

The Theatre and Social Welfare (2)

In Rhetoric—

Rhetoric (2)

Public Speaking (2)

The student may take subjects not here mentioned to the extent of six credits.

1. Man and his Living (Elements of Economics)

Mr. PHELAN

Two credits (one evening per week); one semester.

A general course in the activities, relations, and phenomena that result from human effort to make a living and to live. How to weigh and study the economic facts of life; the aim and goal of economic progress; democracy of well-being; wages, rent, interest, profits, money, taxes, trusts, insurance, and other related topics.

Designed to appeal to business and professional people, social workers, and others who desire to maintain a broad view of life and to be ripe for active citizenship; also to the teacher who aims to enliven and enforce his teaching by bringing it into relation with life outside the school.

Fee, \$5.00 a semester.

2. American Democracy or Economic Reform

Mr. PHELAN

Two credits (one evening per week); one semester.

Human progress; the modern teachings found in the Utopian reformers; the beginning of modern socialism; the progress of socialism; its relation to anarchism, syndicalism, and trade unionism. The problem of monopoly and its solution through (1) enforced competition, (2) socialism, or (3) public regulation.

Of vital importance to every citizen and to students of human affairs. This course clears up many misconceptions, examines socialism carefully, and emphasizes economic reform through public regulation and education. Fee, \$5.00 a semester.

3. Labor and Life

Mr. PHELAN

Two credits (one evening per week); one semester.

The rise of the modern labor problem; woman labor, sweating, minimum wage; child labor, industrial education, vocational guidance, mothers' pensions; unemployment, industrial accidents, industrial disease, poverty.

Employers, employees, social workers, and active citizens should find much of interest and profit in this course, and in the courses numbered 4 and 5. Fee, \$5.00 a semester.

4. Labor and the Public

Mr. PHELAN

Two credits (one evening per week); one semester.

Strikes and their prevention, boycotts, injunctions; labor doctrines and theories; types of labor unions, of employers' associations; profit-sharing and co-operation; scientific management; housing and old-age pensions. Fee, \$5.00 a semester.

5. Immigration and American Labor

Mr. PHELAN

Two credits (one evening per week); one semester.

Who is an immigrant; the causes of immigration; the immigrant and the development of America; the effects of immigration on the native population; the effects on labor; the commercial, social, and civic effects on Europe; what shall be done about immigration. Fee, \$5.00 a semester.

6. City Welfare

Mr. PHELAN

One evening per week; one semester.

The functions of city government and their relations to civic and social welfare.

This course appeals to all who would understand the government of their city community. Active citizens and social workers should find this course to be of great practical interest. Fee, \$5.00 a semester.

SOCIOLOGY AND ANTHROPOLOGY

1. Descriptive Sociology

Professor JENKS

Two credits (one evening per week); first semester. Open to advanced students, teachers, and others able to qualify.

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The University of Minnesota,

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ENROLLMENT 1912-13

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Archer, Anna T.	Dunkin, Hazel C.
Ashworth, John W.	Dunn, Ella M.
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Bailey, Alice M.	Dwyer, May I.
Bailey, Clyde H.	Edgar, Marjorie N.
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Demins, Norma H.	Hughson, Florence M.
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Dinsdale, Terzah C.	Hunter, Edna J.

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Knott, Mr. H. N.
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Matthews, Minerva I.
Mathe, Helen
Mullen, Elizabeth M.
Montoy, Harry G.
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Melin, Theodore
McKenney, Maude F.
McCann, Susan H.
Madsen, S. Constance
Magnusson, Jennie M.
Noblam, E. H.
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Noroby, Gunmar H.
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Nutter, Augusta F.
O'Connell, Delia
O'Connell, Mary
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Paterson, Minnie L.
Poston, Bertha
Pye, Louise
Pearson, Anna I.
Pickard, Anna C.
Pletke, Dora
Regan, Grace C.
Roberts, Margaret K.
Robison, Grace E.
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Ruledge, Elizabeth C.
Rankeilour, Caroline M.
Roderick, Bertha W.
Rumsey, Hazel C.
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Ryner, H. B.
Shane, Catherine
Smith, F. Stella
Sanborn, Mrs. N. G.
Samuels, Mrs. N. D.
Sweetser, Mrs. H. B.
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Simmons, Ralph A.
Smith, Dora
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Sutherland, David
Straate, Nettie M.
Siebert, Marie H.
Shook, Jane L.
Shook, Kate P.
Shutter, Marion D.
Storke, E. F.
Stelow, Laura
Staeke, Olga E.
Sellergren, Della A.
Scott, Marie C.
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Sternberg, Leona B.
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Thrall, Addie F.
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Teich, Emma
 Teich, Louise D.
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 Toft, Jacob G.
 Thurstone, Louis L.
 Tutull, Harold L.
 Verbeck, Norma I.
 Vaughn, Julia H.
 Vander Bie, Hiltka

Wood, Stella L.
 Woodworth, Elizabeth A.
 Wright, William W.
 Whitman, Jared F.
 Wrench, Frances
 Woodruff, Pearl E.
 Wulling, Frederick G.
 Wiggin, M. Estella
 Weiss, C.

ST. PAUL—41

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 Buck, Virginia
 Countryman, E. A.
 Churchill, E. G.
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 Daly, Elizabeth
 Edwards, Annie
 Hall, Arthur
 Hosmer, Alice
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 Hinnners, Gertrude
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 Hippens, Bertha
 Kreamer, E. A.
 Kobler, F. O.
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 Lentz, Olga
 Miller, Lawrence
 Montgomery, L. V.

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 O'Connor, Martha
 Pope, Emily
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 Preus, J. A. P.
 Ross, Lillian
 Sauer, Bertha
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 Sister Mary Ruth Devereau
 Sister St. F. Eden
 Sister M. Elba
 Sister Mary Eugenia
 Sister Eugenia
 Sister Ireneus
 Sister Hilary Keating
 Sister Alberta Lee
 Sister De Sales
 Sister Gregoria Schluter
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 Waufle, Grace

Weshchke, E. J.

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 Berglund, Willis W.
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 Brackey, Carl M.
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Prestemon, Gilman
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Scott, Alfred F.

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 Serles, Clinton E.
 Sherlock, Alfred
 Tuckey, Loring H.
 Thompson, Arthur R.
 Taylor, Paul S.
 Tilotson, Hal B.
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 Thurston, Frank A.
 Vanstrum, Harry C.

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 Wilson, Alfred E.
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 Youngerman, Waldemar W.
 Youngren, L. E.
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 Yickerson, Clarence
 Zache, Arthur F.
 Zegargo, John F.

Zimmermann, John

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 Anderson, Frank A.
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 Birch, F. A.
 Barrett, Thomas V.
 Bruckmann, A. W.
 Baer, F. B.
 Baer, Helen
 Carlson, Emil
 Countryman, Ernest A.
 Callahan, Wm. John
 Clapp, William D.
 Durkee, Gertrude M.
 Dewart, Wifred B.
 Donohue, Rev. J.
 Dion, E. N.
 Dempsey, Earl M.
 Dillon, Michael
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 Fry, Roland
 Frederickson, Florence M.
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 Geisenhymmer, H. N.
 Gruber, Jeffrey
 Husband, H. W.
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 John, Cecil H.
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 Kelsey, Robert P.

Kendricks, E. L.
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 Lund, Frank
 Lunley, Charles M.
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 Mailland, C. H.
 Miller, Samuel
 Miller, Albert W.
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 Nordstrom, David F.
 Ordeman, Fred
 O'Connor, Martha
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 Palier, Anne M.
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 Smith, Thomas G.
 Smalley, L. E.
 Stenseth, Lewis L.
 Slack, Helen E.
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 Sehn, Gotfred A.
 Sladek, A.
 Stahle, Albert

Schroeder, A. W.
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 Townsend, Oliver O.
 Turnquist, Elmer C.
 Ulsaker, H. R.

Weise, Leon
 Weise, Irving
 Whitaker, Edward A., Jr.
 Wellk, Henry C.
 Weiss, Roger L.

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 Broenen, Wm. C., St. Paul
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 Bersback, Louis B., Minneapolis
 Brogle, Caspar A., Minneapolis
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 Berg, Charles, Minneapolis
 Christman, Roscoe H., Minneapolis
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 Chamberlain, Robert R., Minneapolis
 Cederstrand, Halker M., Minneapolis
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 Campbell, Archibald D., Minneapolis
 Crawford, Guy N., Minneapolis
 Chapin, Rollin C., Minneapolis
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 Cassey, Jack T., Minneapolis
 Campbell, Donald, Minneapolis
 Dullum, Olaf, Minneapolis
 Devitt, James J., St. Paul
 Edman, Gustav, St. Paul
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 Gusslander, Edward F., Minneapolis
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 Graves, L., Minneapolis
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 Hanson, Axel L., St. Paul

Helseth, Emil, Minneapolis
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 Koathin, Rambrant, Minneapolis
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 Lamoreaux, Leigh C., Minneapolis
 Lind, Oswald, Minneapolis
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 Meyers, L. D., Minneapolis
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 Mattson, Ferdinand I., Minneapolis
 Mueller, H. F., Minneapolis
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 Nelson, Fritz H., Minneapolis
 Nord, Eric, Minneapolis
 Nelson, Axel B., Minneapolis

Nelson, Andrew, Minneapolis
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 Olsen, Henry, Minneapolis
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 Rizon, Howard S., Minneapolis
 Roll, Walter H., Minneapolis

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 Rasmussen, A., Minneapolis
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 Swanson, Gustaf A., Minneapolis
 Sheridan, George C., Minneapolis
 Schoor, Wallace, Minneapolis
 Stanffer, Luther M., St. Paul
 Smith, William M., St. Paul
 Skon, Arthur E., St. Paul
 Tilden, H. B., Minneapolis
 Tone, Thomas, Minneapolis
 Thomas, Ralph D., Minneapolis
 Thorshaug, Olaf, Minneapolis
 Vorum, George, St. Paul
 Waite, Carlton K., Minneapolis
 Wilderwing, Erwin F., Minneapolis
 Webster, Joseph F., Minneapolis
 Wilson, Rueben, E., Minneapolis
 Young, William J., Minneapolis

LAW COURSES—31

Anderson, Christian, Minneapolis
 Bissonnette, Arthur T., Minneapolis
 Bratager, Sigurd F., Minneapolis
 Brethauer, John D., Minneapolis
 Brix, Paul F., Minneapolis
 Brugger, Hiram D., Minneapolis
 Burrier, Carleton, Minneapolis
 Davis, Harry S., Minneapolis
 Dodgson, Jack S., Minneapolis
 Doll, Nicholas, Minneapolis
 Domesticci, Francis, Minneapolis
 Dwinnell, Stanley W., Minneapolis
 Gruenberg, Charles, Minneapolis
 Guernsey, Herbert J., Minneapolis
 Hadden, Charles W., Minneapolis

Van Valkenburg, Walter, Minneapolis

Halverson, Henry L., Minneapolis
 Hass, William C., Minneapolis
 Hendrie, Vincent E., Minneapolis
 Hughes, Neil G., Minneapolis
 Kinne, Myron, Minneapolis
 Krebsbach, Paul, Minneapolis
 Loomis, Albert G., Minneapolis
 Mundahl, Severt, Minneapolis
 Pike, Alexander K., Minneapolis
 Schneider, William C., Minneapolis
 Simpson, Harold G., Minneapolis
 Sorger, Isidore L., Minneapolis
 Squire, Charles M., Minneapolis
 Thomson, Metellus, Jr., Minneapolis
 Throbeck, Samuel T., Minneapolis

SOCIAL ECONOMICS—24

Atwood, Mrs. Agnes L., Duluth
 Cook, Mrs. W. H., Duluth
 Dinwiddie, Courtenay, Duluth
 Doran, Ruth S., Duluth
 Erickson, Victoria, Duluth
 Griffin, Jean, Duluth
 Hartman, Mary D., Duluth
 Jaques, Mrs. Alfred, Duluth
 Jaques, Robert, Duluth
 Kaiser, Zelma G., Duluth
 Kerr, Mrs. Andres A., Duluth
 Lauterbach, Wm. Edward, Duluth

MacLean, Charles R., Duluth
 Marshall, Caroline, Duluth
 Meeker, Edna G., Duluth
 Paine, Mary W., Duluth
 Perrin, Florence E., Superior, Wis.
 Poirier, Jean A., Duluth
 Puck, Mrs. M., Duluth
 Ritchie, Grace C., Duluth
 Smith, Winifred R., Duluth
 Swangie, Mrs. I. P., Duluth
 Tuohy, Mrs. Ida B., Duluth
 Wisner, Ina C., Duluth



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